

What is claimed is:

- [Claim 1]** 1. A bicycle electronic control device comprising:
a computer unit; and
a reset unit structured to provide a reset signal to the computer unit in response to a non-contact operation.
- [Claim 2]** 2. The device according to claim 1 wherein the reset unit comprises a reed switch.
- [Claim 3]** 3. The device according to claim 1 wherein the computer unit includes a control signal output that provides a control signal for controlling a bicycle component.
- [Claim 4]** 4. The device according to claim 3 wherein the control signal comprises a control signal for controlling a bicycle transmission.
- [Claim 5]** 5. The device according to claim 4 wherein the control signal comprises a control signal for controlling an electrically operated derailleur.
- [Claim 6]** 6. The device according to claim 4 wherein the control signal comprises a control signal for controlling an electrically operated internal hub transmission.
- [Claim 7]** 7. The device according to claim 1 wherein the computer unit includes a command input structured to receive a command for controlling a bicycle component.
- [Claim 8]** 8. The device according to claim 7 wherein the command comprises a command for controlling a bicycle transmission.
- [Claim 9]** 9. The device according to claim 8 wherein the command comprises a command for controlling an electrically operated derailleur.
- [Claim 10]** 10. The device according to claim 8 wherein the command comprises a command for controlling an electrically operated internal hub transmission.
- [Claim 11]** 11. The device according to claim 1 further comprising an electrically operated derailleur, wherein at least one of the computer unit and the reset unit are supported by the derailleur.

[Claim 12] 12. The device according to claim 11 wherein the derailleur comprises a base structured to be mounted to the bicycle and a chain guide coupled to move relative to the base, and wherein the at least one of the computer unit and the reset unit is mounted to the base.

[Claim 13] 13. The device according to claim 12 wherein the computer unit and the reset unit both are mounted to the base.

[Claim 14] 14. The device according to claim 1 further comprising an internal hub transmission, wherein at least one of the computer unit and the reset unit are supported by the internal hub transmission.

[Claim 15] 15. The device according to claim 14 wherein the computer unit and the reset unit both are mounted to the internal hub transmission.

[Claim 16] 16. The device according to claim 1 wherein the electronic control device comprises a shift control device.

[Claim 17] 17. The device according to claim 16 wherein the computer unit inputs signals from a manually operated shift control switching unit.

[Claim 18] 18. The device according to claim 1 further comprising a display that displays travel information.

[Claim 19] 19. The device according to claim 18 wherein the computer unit, the reset unit and the display unit are housed together in a control case.

